



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/823,784  
IFWO  
8/25/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

DATE: 08/25/2004

PATENT APPLICATION: US/10/823,784

TIME: 16:30:46

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\08252004\J823784.raw

5 <110> APPLICANT: Uhlmann, Karen  
 7 Brinkmann, Anja  
 9 Nuernberg, Peter  
 13 <120> TITLE OF INVENTION: Method of detecting epigenetic biomarkers by quantitative  
 MethyLSNP

14 analysis  
 17 <130> FILE REFERENCE: 758/13716.2  
 C--> 21 <140> CURRENT APPLICATION NUMBER: US/10/823,784  
 C--> 23 <141> CURRENT FILING DATE: 2004-04-14  
 27 <160> NUMBER OF SEQ ID NOS: 4  
 31 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply  
 Corrected Diskette Needed

35 <210> SEQ ID NO: 1  
 37 <211> LENGTH: 28  
 39 <212> TYPE: DNA  
 41 <213> ORGANISM: artificial  
 W--> 45 <220> FEATURE:  
 W--> 45 <223> OTHER INFORMATION:  
 W--> 45 <400> 1  
 46 tgagttggaa taagttagg tagatgtg  
 49 <210> SEQ ID NO: 2  
 51 <211> LENGTH: 32  
 53 <212> TYPE: DNA  
 55 <213> ORGANISM: artificial  
 W--> 59 <220> FEATURE:  
 W--> 59 <223> OTHER INFORMATION:  
 W--> 59 <400> 2  
 60 caactctcta taccctttc taacataaat ca  
 63 <210> SEQ ID NO: 3  
 65 <211> LENGTH: 20  
 67 <212> TYPE: DNA  
 69 <213> ORGANISM: artificial  
 W--> 73 <220> FEATURE:  
 W--> 73 <223> OTHER INFORMATION:  
 W--> 73 <400> 3  
 74 ttaggggggt gaattattggg  
 77 <210> SEQ ID NO: 4  
 79 <211> LENGTH: 15  
 81 <212> TYPE: DNA  
 83 <213> ORGANISM: artificial  
 W--> 87 <220> FEATURE:  
 W--> 87 <223> OTHER INFORMATION:  
 W--> 87 <400> 4  
 88 ggggtgaata ttggg

*Handwritten notes:*  
 Please explain (pg. 1-3)  
 Source of genetic material  
 Insert & explain <213> explanation on response  
 Please explain source of genetic material  
 Insert section <220>-<223> and explain <213> response  
 Same error  
 Same error

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/823,784

DATE: 08/25/2004  
TIME: 16:30:47

Input Set : A:\PTO.FG.txt  
Output Set: N:\CRF4\08252004\J823784.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:1,2,3,4

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/823,784

DATE: 08/25/2004

TIME: 16:30:47

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\08252004\J823784.raw

L:21 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:45 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>  
ORGANISM:artificial  
L:45 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>  
ORGANISM:artificial  
L:45 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:45  
L:59 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>  
ORGANISM:artificial  
L:59 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
ORGANISM:artificial  
L:59 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:59  
L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>  
ORGANISM:artificial  
L:73 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>  
ORGANISM:artificial  
L:73 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:73  
L:87 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>  
ORGANISM:artificial  
L:87 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>  
ORGANISM:artificial  
L:87 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:87